

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101821\
 Data File : VN068967.D
 Acq On : 18 Oct 2021 9:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/19/2021 5:23:27 PM

Quant Time: Oct 19 06:31:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	358548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	627504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	586166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	263061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	259395	54.871	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.740%			
35) Dibromofluoromethane	8.021	113	200415	54.895	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.800%			
50) Toluene-d8	10.443	98	806500	55.210	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.420%			
62) 4-Bromofluorobenzene	12.731	95	314563	57.076	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 114.160%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	200514	45.037	ug/l	99
3) Chloromethane	2.303	50	218982	49.968	ug/l	99
4) Vinyl Chloride	2.445	62	244857	55.008	ug/l	99
5) Bromomethane	2.845	94	158396	64.693	ug/l	99
6) Chloroethane	3.017	64	151808	57.869	ug/l	100
7) Trichlorofluoromethane	3.376	101	330989	53.102	ug/l	98
8) Diethyl Ether	3.827	74	116001	49.894	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.215	101	183327	54.699	ug/l	97
10) Methyl Iodide	4.425	142	232678	47.833	ug/l	99
11) Tert butyl alcohol	5.361	59	188316	218.007	ug/l	99
12) 1,1-Dichloroethene	4.186	96	171384	49.469	ug/l	98
13) Acrolein	4.041	56	40340	105.568	ug/l	93
14) Allyl chloride	4.843	41	317113	51.060	ug/l	96
15) Acrylonitrile	5.551	53	468741	242.174	ug/l	98
16) Acetone	4.283	43	649692	368.275	ug/l	100
17) Carbon Disulfide	4.535	76	469708	49.956	ug/l	100
18) Methyl Acetate	4.851	43	334115	49.932	ug/l	99
19) Methyl tert-butyl Ether	5.613	73	671314	52.039	ug/l	100
20) Methylene Chloride	5.098	84	202174	49.791	ug/l	99
21) trans-1,2-Dichloroethene	5.599	96	188104	50.257	ug/l	97
22) Diisopropyl ether	6.495	45	683680	52.935	ug/l	97
23) Vinyl Acetate	6.433	43	2533056	259.430	ug/l	99
24) 1,1-Dichloroethane	6.388	63	369738	52.690	ug/l	99
25) 2-Butanone	7.329	43	783173	293.577	ug/l	98
26) 2,2-Dichloropropane	7.327	77	364026	54.434	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	230128	50.863	ug/l	97
28) Bromochloromethane	7.659	49	181627	57.147	ug/l	99
29) Tetrahydrofuran	7.681	42	423376	244.672	ug/l	97
30) Chloroform	7.817	83	397703	53.777	ug/l	98
31) Cyclohexane	8.094	56	352089	47.902	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	361938	52.500	ug/l	99
36) 1,1-Dichloropropene	8.222	75	289919	54.091	ug/l	99
37) Ethyl Acetate	7.410	43	273477	49.403	ug/l	99
38) Carbon Tetrachloride	8.206	117	314085	53.356	ug/l	100
39) Methylcyclohexane	9.459	83	377277	54.688	ug/l	98
40) Benzene	8.461	78	861156	52.763	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	138141	49.505	ug/l	97
42) 1,2-Dichloroethane	8.531	62	314050	54.338	ug/l	100
43) Isopropyl Acetate	8.558	43	499611	51.152	ug/l	99
44) Trichloroethene	9.215	130	213713	52.320	ug/l	99
45) 1,2-Dichloropropane	9.491	63	223945	52.878	ug/l	98
46) Dibromomethane	9.577	93	151200	52.302	ug/l	98
47) Bromodichloromethane	9.762	83	321749	53.708	ug/l	100
48) Methyl methacrylate	9.558	41	214170	46.668	ug/l	91
49) 1,4-Dioxane	9.566	88	76436	859.746	ug/l	97
51) 4-Methyl-2-Pentanone	10.330	43	1428604	252.254	ug/l	100
52) Toluene	10.505	92	562107	53.531	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	369370	54.431	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	380876	53.945	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	216816	52.371	ug/l	99
56) Ethyl methacrylate	10.762	69	361253	51.971	ug/l	99
57) 1,3-Dichloropropane	11.044	76	369607	54.142	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	474955	233.609	ug/l	100
59) 2-Hexanone	11.084	43	1146797	282.367	ug/l	100
60) Dibromochloromethane	11.237	129	247592	52.983	ug/l	99
61) 1,2-Dibromoethane	11.347	107	223266	52.577	ug/l	98
64) Tetrachloroethene	10.977	164	188550	49.934	ug/l	96
65) Chlorobenzene	11.771	112	597811	53.895	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	227539	52.411	ug/l	99
67) Ethyl Benzene	11.846	91	1117048	54.216	ug/l	100
68) m/p-Xylenes	11.953	106	845207	108.213	ug/l	98
69) o-Xylene	12.280	106	418120	53.481	ug/l	98
70) Styrene	12.296	104	705419	55.430	ug/l	100
71) Bromoform	12.460	173	176260	50.682	ug/l #	100
73) Isopropylbenzene	12.581	105	1120800	51.188	ug/l	100
74) N-amyl acetate	12.387	43	416350	50.190	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.827	83	319976	50.568	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	281890m	50.363	ug/l	
77) Bromobenzene	12.862	156	240401	49.652	ug/l	97
78) n-propylbenzene	12.921	91	1308269	53.168	ug/l	100
79) 2-Chlorotoluene	13.010	91	786964	51.888	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	943549	51.736	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	113764	48.627	ug/l	99
82) 4-Chlorotoluene	13.106	91	776958	53.013	ug/l	100
83) tert-Butylbenzene	13.323	119	812589	51.183	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	913528	51.987	ug/l	99
85) sec-Butylbenzene	13.503	105	1163800	52.930	ug/l	100
86) p-Isopropyltoluene	13.616	119	957051	54.267	ug/l	99
87) 1,3-Dichlorobenzene	13.616	146	447635	53.449	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	438021	52.697	ug/l	99
89) n-Butylbenzene	13.943	91	825237	56.208	ug/l	100
90) Hexachloroethane	14.211	117	191192	51.608	ug/l	93
91) 1,2-Dichlorobenzene	13.989	146	428881	52.717	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.603	75	61282	50.231	ug/l	95
93) 1,2,4-Trichlorobenzene	15.265	180	200292	45.577	ug/l	100
94) Hexachlorobutadiene	15.372	225	111861	48.288	ug/l	99
95) Naphthalene	15.507	128	503662	41.923	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	185232	44.361	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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